

ABSTRACT OF THE DISCLOSURE

Machine for the manufacture of a fiber material web that includes a shoe pressing unit, a cylinder including one of a drying and tissue cylinder, in which shoe pressing unit and the cylinder are arranged to form at least one press nip, and a water absorbent carrier band. A water-impermeable pressing band is provided, in which the water absorbent carrier band and the water-impermeable pressing band are guided through the at least one press nip, and the fiber material web is adapted to pass through the at least one press nip with the water absorbent carrier band and the water-impermeable pressing band. The at least one press nip has a length in a web travel direction of less than or equal to approximately 60 mm. A pressure profile which results over the press nip length has a maximum pressing pressure which is greater than or equal to approximately 3.3 Mpa.

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